

With the Author's Compliments.

THINGOE UNION
DISTRICT COUNCIL.

ANNUAL+REPORT

FOR THE YEAR 1897,

BY

CHARLES SCOTT KILNER,

MEDICAL OFFICER OF HEALTH,

*Prepared in accordance with instructions received
from the Local Government Board.*

BURY ST. EDMUND'S:

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1898.

THINGOE RURAL DISTRICT.

To the Thingoe Rural District Council.

GENTLEMEN,

I have the honour to lay before you my Twentieth Annual Report on the Sanitary Condition of the Thingoe Rural District for the year 1897.

The population of the Thingoe Rural District in 1891, Population. when the last Census was taken, was 15,743. I still propose retaining this number as the basis on which to frame the following statistics, as for all practical purposes I believe it may be assumed to be correct.

In the Thingoe District during the year 1897 there were Births. 389 births, which is equivalent to a birth-rate of 24.83 per 1,000 of the population.

In the year 1896 there were 413 births, giving a birth-rate of 26.23 per 1,000. In England and Wales the birth-rate in 1897 was 29.7 per 1,000.

In the Thingoe District during the year 1897 there were Deaths. 203 deaths, of which 35 were under one year of age, 73 between one and sixty-five years of age, and 95 above sixty-five years of age.

The death-rate for the year was 12.89 per 1,000 of the population.

In the year 1896 there were 179 deaths, which was equivalent to a death-rate of 11.37 per 1,000.

In England and Wales the death-rate in 1897 was 17.4 per 1,000.

In the Thingoe District during the year 1897 there were				Excess of Births over Deaths.
186 more births than there were deaths.				
First quarter—number of deaths	59.	Death-rate	14.96	Deaths in each Quarter.
Second „ „ „	48.	„	12.16	
Third „ „ „	46.	„	11.68	
Fourth „ „ „	50.	„	12.44	

Infant Mor- tality.

Proportion of deaths under one year of age to 1,000 births :—

In the Thingoe District in 1897 it was 89.97

1896 „ 82.32

„ „ „ 1896 „ 82.0
In England and Wales in 1897 „ 156.0

Mortality
above 60
years of age.

Mortality per 1,000 living above sixty years of age (the estimated number living being 965) :—

In the Thingoe District in 1897 it was 105.7

1896 „ 70.5

„	„	„	1896	„	10.9
In England	and	Wales in 1897	„	66.2	

Zymotic Diseases.

In the Thingoe District during the 1897 there were 10 deaths referred to the principal Zymotic diseases, viz.: Diphtheria 1, Puerperal Fever 1, Whooping Cough 7, and Diarrhoea 1.

This is equivalent to a Zymotic death-rate of 0.63 per 1,000.

The Zymotic death-rate in 1896 was 0.88 per 1,000. In England and Wales in 1897 the Zymotic death-rate was 2.15 per 1,000.

Scarlet Fever.

During the past year Scarlet Fever has on the whole been prevalent throughout the District, cases having been reported from no less than nineteen different parishes. The disease was evidently freshly imported in many of these instances, as in eleven parishes it did not spread beyond the family originally attacked, whilst in several other parishes it did not attack more than two or at the most three families. There was, however, one notable exception, viz., the outbreak commencing at Ingham. Here the first one or two cases must have escaped observation, with the result that the disease spread to several other families in this and the adjoining parishes. On the whole, however, the various cases have been of a mild type, and recovery has taken place in every instance.

The preventive measures taken have been those which have been adopted in former years, and in addition the following schools have been closed, viz. : Ampton, Culford, Flempton, Fornham St. Martin, and Ingham.

Diphtheria.

During the year six cases of Diphtheria, occurring in four different houses, were reported. In one instance certain Sanitary defects were found to exist, whilst in two

instances it was ascertained that the disease had been imported from a distance, one of these imported cases proving fatal.

In my report last year reference was made to an out-break of Typhoid Fever in a block of houses at Little Whelmetham, and to the fact that the first of these cases was probably imported. Owing to the habits of the people and the surroundings of these houses, it was not surprising that other cases should have occurred, three of which were reported during the first week of the year. With this exception the District has been quite free from Typhoid Fever.

The District has been very free from Measles during the past year, and no death has been recorded as due to this disease.

Whooping Cough has been very prevalent in some parts of the District, and has resulted in seven deaths. The schools at Horringer, Little Saxham, and Stanningfield were closed owing to this disease.

The District has once again been very free from Diarrhœa, only one death, that of an infant, having been registered as due to this cause.

A table is appended to this report, showing the nature of the Infectious Diseases which have been notified during the year, and the parishes in which they have occurred.

Infectious
Diseases
(Notification)
Act.

I feel it my duty again to draw attention to the fact that there is no Isolation Hospital in the District. This is a want that is at times much felt.

I have the pleasure in again recording a very low death-rate, viz., 12.89 per 1,000. This is now the fourth year in succession that a low death-rate has been recorded, the average death-rate for the last four years being 12.94 per 1,000.

General
Health of the
District.

The Zymotic death-rate, viz., 0.63 per 1,000 was also very low, and it would have been much lower had it not been for Whooping Cough, which caused no less than seven out of the total of ten deaths due to the principal Zymotic Diseases.

I find, on turning to the births, that there were fewer children born last year than has been the case in any year for the last twenty years; hence the exceptionally low birth-rate of 24.83 per 1000.

Water Supply The Water Supply of the District has again received considerable attention, although in a district such as this it is impossible that all the houses should have a good supply within a reasonable distance, owing to the expense which would necessarily have to be incurred, and which would in many cases exceed the amount allowed to be enforced according to Section 3 of the Public Health (Water) Act.

During the year over thirty samples of Water were taken from various sources for analysis. One well was closed; fifteen wells and seven ponds supplying drinking water were cleaned out; six wells were deepened in order to procure a better Water Supply; eighteen pumps and well top coverings were repaired, and nine new wells were sunk, viz.: At Barrow 1, Depden 1, Flempton 2, Hargrave 1, Horringer 1, Rougham 1, and Whepstead 2.

Sewerage and Drainage. During the year twenty-six new closets were built, forty-four closets were repaired, and twenty-four cesspools, found to be full, were ordered to be cleaned out. Fourteen new drains were made, twenty-four drains were unblocked, and twenty water courses were cleaned out.

Legal proceedings were taken with reference to some drainage running into a water-course by the side of the road at Bardwell, and the Magistrates made an order for the nuisance to be abated.

Dwelling Houses. During the year ninety-eight houses which were in a dilapidated state were repaired, five were better ventilated, five cases of overcrowding were remedied, and thirty-seven houses and one school were disinfected.

Two houses at Pakenham, in respect of which a closing order was obtained in 1896, subsequently became so dilapidated that they became both an eye-sore and a danger to the public. Accordingly, last May an application was made to the Ixworth Magistrates, who granted an order for their demolition.

Factories and Trades. The bake-houses and slaughter-houses visited during the year were, on the whole, found to be in a fairly satisfactory condition.

Meteorology. I am again indebted to Robert Burrell, Esq., of Westley Hall, for the following table, showing the rainfall for each month during the year. The total rainfall was 25.39 inches, which amounts fell on 145 days:—

January ...	1.99 inches.	August ...	4.76 inches.
February ...	2.33 „	September ...	2.93 „
March ...	2.73 „	October ...	.86 „
April ...	2.07 „	November ...	1.09 „
May ...	1.26 „	December ...	1.71 „
June ...	2.94 „		
July ...	.73 „	Total ...	25.39

In conclusion, I beg to append a table giving particulars regarding each parish in the Thingoe Rural District, and also tables A and B, which show the number of Births and Deaths, and the number of new cases of infectious diseases which have come to my knowledge, classified according to diseases, ages, and localities. I also append the report of Mr. Deeks, the Inspector of Nuisances, on the Sanitary work completed during the year.

I have the honour to be, Gentlemen,

Your obedient servant,

CHARLES SCOTT KILNER,

M.B., C.M., Edin., D.P.H., Camb.,

Medical Officer of Health.

Bury St. Edmund's,
January 31st, 1898.

(A) TABLE OF DEATHS during the Year 1897, in the Thingoe Rural District, classified according to Diseases, Ages, and Localities.

Mortality from all causes, at subjoined Ages.								Mortality from subjoined causes, distinguishing Deaths of Children under Five Years of Age.												
NAMES OF LOCALITIES.	Mortality from all causes, at subjoined Ages.							Diphtheria.	Puerperal.	Whooping Cough	Diarrhoea and Dysentery.	Rheumatic Fever	Phthisis.	Bronchitis, Pneumonia & Pleurisy.	Heart Disease.	Influenza.	Injuries.	All other Diseases	Total.	
	At all ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.														65 and upwards.
ROUGHAM SUB-DISTRICT.	57	15	5	3	3	10	21	Under 5. 5 upwards.	1	3		1	1	5	9		1	2	16	21 36
FORNHAM SUB-DISTRICT.	67	9	3	3	1	17	34	Under 5. 5 upwards.	1	1			3	6	3	1	2	38	9	12 55
IXWORTH SUB-DISTRICT.	79	11	5	0	6	17	40	Under 5. 5 upwards.		2	1		10	2	2	1	1	2	10	16 63
TOTALS.....	203	35	13	6	10	44	95	Under 5. 5 upwards.		6	1		1	5			2	35		49 154

B) TABLE OF POPULATION, BIRTHS, and of NEW CASES OF INFECTIOUS SICKNESS,
coming to the knowledge of the Medical Officer of Health, during the year 1897, in the
Thingoe Rural District; classified according to Diseases, Ages, and Localities.

NAMES OF LOCALITIES.	Population at all Ages.		Registered Births.	Aged under 5 or over 5.	New Cases of Sickness in each Locality, coming to the knowledge of the Medical Officer of Health.				
	Last Census.	Estimated to middle of 1897.			Scarlatina.	Diphtheria.	Enteric or Typhoid.	Puerperal.	Erysipelas.
ROUGHAM SUB-DISTRICT	5129	About the same as in 1891.	123	Under 5. 5 upwards.	3 12	1 2	3		4
FORNHAM SUB-DISTRICT.....	5337		128	Under 5. 5 upwards.	6 32	2			5
IXWORTH SUB-DISTRICT	5277		138	Under 5. 5 upwards.	3 6	1		1	
TOTALS	15743		389	Under 5. 5 upwards.	12 50	1 5	3	1	9

The "Notification of Infectious Diseases" Act has been compulsory since 1889.
There is no Isolation Hospital in connection with the District.

*Report of the Inspector of Nuisances on the Sanitary
Work completed during the year 1897.*

Number of houses, premises, &c., inspected...	...	No record.
„ notices served ... ..	...	307

DWELLING HOUSES.

Number of dilapidated houses repaired	...	...	98
„ houses closed	...	...	2
„ houses better ventilated	...	...	5
„ cases of overcrowding remedied	...	...	5
„ houses disinfected	...	...	37
„ schools disinfected	...	...	1

SEWERAGE AND DRAINAGE.

Number of new closets	...	...	26
„ closets repaired	...	...	44
„ cesspools cleaned out	...	...	24
„ new drains made	...	...	14
„ drains unblocked, &c.	...	...	24
„ water courses cleaned out	...	...	26

WATER SUPPLY.

Number of new wells sunk	...	...	9
„ well top coverings and pumps repaired	...	...	18
„ wells cleaned out	...	...	15
„ wells deepened	...	...	6
„ ponds cleaned out	...	...	7
„ wells closed	...	...	1

MISCELLANEOUS.

Number of animals improperly kept removed	...	...	10
„ open pools filled up	...	...	16
„ accumulations of refuse, &c., removed	...	...	18
„ legal proceedings	...	...	3

RICHARD DEEKS,

Inspector of Nuisances.

Sanitary Statistics and Report of the Medical Officer of Health of the Thingoe Rural District Council, for the Year 1897.

	SUBJECTS.	LOCALITIES.																														TOTAL.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
		Ampton.	Bardwell.	Barrow.	Barton Great.	Bradfield Combust.	Bradfield St. Clare.	Bradfield St. George.	Brockley.	Chedburgh.	Chevington.	Chimney Mills.	Culford.	Denham.	Depden.	Fornham All Saints.	Fornham St. Genovieve.	Fornham St. Martin.	Flempton.	Hardwick.	Hargrave.	Hawstead.	Hengrave.	Horningsheath.	Ingham.	Ickworth.	Ixworth.	Ixworth Thorpe.	Lackford.	Livermere Great.	Livermere Little.		Nowton.	Pakenham.	Rede.	Risby.	Rougham.	Rushbrooke.	Saxham Great.	Saxham Little.	Stanningfield.	Stanton.	Stow West.	Timworth.	Troston.	Westley.	Wheltenham Great.	Wheltenham Little.	Whepstead.	Wordwell.																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
I.	Acreage	736	3006	2665	4030	818	1428	1985	1565	550	2396	—	2217	1267	1595	1216	790	1230	789	—	1108	2237	1044	3449	1808	1350	2248	1051	2243	1549	1433	1157	3696	1300	2800	3840	1060	1428	1306	1455	3176	2926	1358	1764	1698	1493	592	2629	2299	82,464																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Population—1891.....	136	734	952	766	130	216	388	279	255	545	8	364	164	224	395	100	280	187	19	378	325	189	599	292	92	951	131	193	224	145	234	954	204	400	835	136	189	301	791	193	268	301	186	268	158	362	174	502	45	15,743																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	" 1881.....	120	756	910	800	155	250	570	316	250	556	—	299	250	227	424	95	310	178	—	420	330	199	757	284	95	1004	145	175	275	166	130	959	210	441	816	139	239	173	301	193	188	179	186	268	160	390	140	625	44	16,382																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	Births.....	1	18	30	22	4	6	8	8	3	11	0	10	5	4	9	3	9	5	0	9	13	2	9	2	0	32	3	6	3	3	5	23	6	12	16	4	3	2	9	22	7	4	7	5	8	6	12	0	389																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	1897—Rate per 1000	7.3	24.4	31.5	28.6	30.7	27.7	20.5	28.8	11.7	20.1	—	27.4	30.4	17.8	22.7	30.0	32.1	26.7	—	23.7	39.9	10.5	14.9	6.8	—	33.6	22.8	31.6	13.3	20.4	21.0	23.9	29.4	30.0	17.6	29.4	15.8	12.5	29.8	27.7	35.7	21.4	26.0	31.6	22.0	34.0	23.4	—	24.83																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1896—Rate per 1000	14.6	14.3	31.5	26.0	7.6	13.8	42.5	25.2	15.6	19.8	—	21.6	24.0	22.0	17.5	—	24.5	26.7	52.6	23.7	9.0	20.8	30.4	37.4	10.8	25.0	30.4	30.6	30.8	20.4	12.6	26.0	14.7	35.0	37.4	29.2	30.4	37.2	29.7	33.6	15.3	10.6	22.2	31.5	40.5	—	22.8	22.2	26.23																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
II.	Deaths, Zymotic—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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	" From other Causes—	—	11	12	11	4	1	3	2	1	6	—	—	2	4	9	2	—	3	—	2	4	3	9	4	1	17	1	1	4	1	1	11	3	7	3	1	5.2	6.2	9.9	—	—	—	—	—	—	—	—	—	—	—	—	193																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	" Rate per 1000.....	—	14.9	12.4	14.3	30.7	4.6	7.7	7.2	3.9	10.9	—	—	12.1	27.8	22.7	20.0	—	16.0	—	5.2	12.2	15.8	14.9	13.6	10.8	17.8	7.6	5.1	17.8	6.8	4.2	11.4	14.7	17.5	3.3	7.3	10.5	12.5	16.6	17.6	20.4	16.1	11.1	6.3	16.5	11.3	13.7	—	12.25																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
III.	Total	0	11	12	11	4	1	3	2	1	6	0	0	2	4	9	2	0	3	0	2	4	3	9	4	1	18	1	1	4	1	1	11	3	8	3	1	3	3	8	14	4	5	3	1	6	3	7	0	203																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	1897—Rate per 1000	—	14.9	12.4	14.3	30.7	4.6	7.7	7.2	3.9	10.9	—	—	12.1	17.8	22.7	20.0	—	16.0	—	5.2	12.2	15.8	14.9	13.6	10.8	18.9	7.6	5.1	17.8	6.8	4.2	11.4	14.7	20.0	3.3	7.3	15.8	18.8	26.5	17.6	20.4	26.3	11.1	6.3	16.5	17.0	13.7	—	12.89																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	1896—Rate per 1000	—	11.7	13.0	3.9	30.7	—	15.0	—	11.7	12.6	—	10.8	12.1	8.8	17.5	20.0	7.0	5.3	—	15.6	6.0	31.2	21.0	10.2	—	11.0	—	10.2	17.8	6.8	4.2	21.0	9.8	5.0	9.9	14.6	10.0	6.2	3.3	12.0	10.2	20.6	11.1	6.3	21.6	17.0	13.7	—	11.37																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Infectious Diseases— (Notification Act)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	Cholera	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	Croup	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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For Water Supply see Text of Report.

